

Empowered by Innovation



Professional Installation Projectors

PH Series

NP-PH1201QL



Powerful 3-chip 1.38" DLP installation projector with laser-phosphor light source supports new, demanding projection applications

Video & Graphics Processing

- Up to 60fps 4096 x 2160 pixels sequential input via single cable (Display Port 1.2)
- Dual Pipe input capability (2 x Display Port 1.2)
- 3D Capable
- Scaling of HDMI formats to fill the 4k display
- HDMI for Side by Side, Frame Packing & Top Bottom Formats
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources (example 144Hz display)
- Two sources in parallel for Left and Right Eyes

Image Blanking

- Linear black "curtains" adjustable for all four edges

Color adjustments

- Up to 12 bits per color processing (depending on source and input type)
- Degamma table maps 12 bit input to 16 bit palette (R, G & B) for display
- Individual R, G & B gain and bias controls

3D Functionality

- Full 4k 3D display capability
- Dual Pipe: Left and Right channels input separately to projector in parallel, then interleaved for sequential display
- Synchronization of active glasses
- Adjustable Dark Time and Sync Offset for optimization of ghosting and smooth grayscale for switching switching glasses and polarizers
- HDMI input signals will be scaled to the DMD resolution.

Edge blending

- High bit-depth blending up to 20% of the image width on all four sides of the DMD (approximately 800 pixels overlap per edge)
- Black level adjustment of the blended area to create different overlap areas
- Correction for non-active pixels at the edge of the display



Projector Control

- Keypad with LCD panel
- Network control via RJ45 and protocol
- Group Controller Application

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